CONNECTPRO™

EOC-KVMUSA1

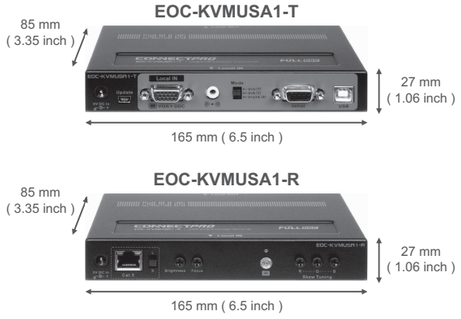
Professional Video + Serial + Audio KVM extender over CATx cable up to 1000 ft.

Installation Guide

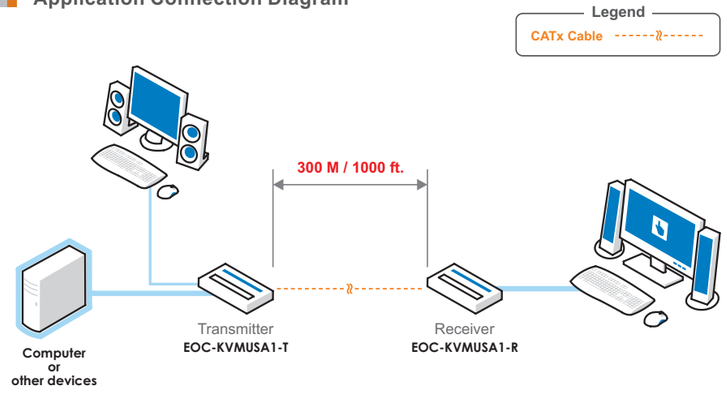
Product View

▼ EOC-KVMUSA1-T

EOC-KVMUSA1-R ▲



Application Connection Diagram



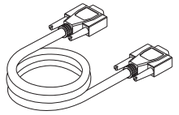
Packing List

- **Standard**

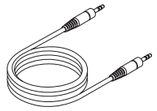
EOC-KVMUSA1-T
Transmitter

EOC-KVMUSA1-R
Receiver

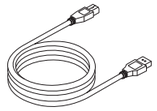
3A-041WU05 (US)
Power Supply DC 5V 1A x 2



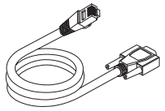
CMV-202-03
3-ft Male-to-Male Video Cable x 1



CAS-202-03
3-ft Stereo Audio Cable x 1

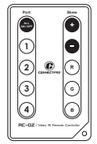


UC-AB-04
4-ft USB A-to-B cable x 1



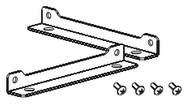
CRJ45-DB9F-5
5-ft RJ45-to-Serial cable x 1

- **Optional part / accessory**



RC-02
IR Remote Controller

WMK-01



Wall Mounting Kit x 2

Ordering Information

Model	Description
EOC-KVMUSA1	EOC-KVMUSA1-T & EOC-KVMUSA1A-R
Cables	
CMV-202-03	3-ft Male-to-Male video cable
CAS-202-03	3-ft Stereo audio cable
UC-AB-04	4-ft USB A-to-B cable
CRJ45-DB9F-5	5-ft RJ45-to-serial cable
Power Adaptor	
PAUS-DC5V1A	Power supply DC 5V (1000 mA) - AC 100-120 / 220-240V for USA
PAEU-DC5V1A	Power supply DC 5V (1000 mA) - AC 100-120 / 220-240V for Europe
	* Any other interface is available up on request
IR Remote Controller	
RC-02	IR remote controller for Video / Audio Solution products
Wall Mounting Kit	
WMK-01	Wall mounting kit

Installation

Connections at the transmitter (EOC-KVMUSA1-T)

1

Connect power adaptor

2

Connect video input from the source PC system

3

Connect audio input from the source PC system

4

Connect USB input from the source PC system

5

Connect with a local monitor

6

Connect with a local speaker amplifier

7

Connect the link Cat.5 cable

8

Switch to select mode :
V+U mode : orange LED on
V+A mode : orange LED flash

9

Console selection :
T only : only console in transmitter can be operated
T+R : consoles in both transmitter and receiver can be operated

Connections at the receiver (EOC-KVMUSA1-R)

1

Connect power adaptor

2

Connect video output with device / monitor

3

Connect audio output with device / speaker amplifier

4

Connect USB output with device / touch monitor

5

Link Cat.5 cable

6

Set DDC in transmitter :
Red LED on : DDC in receiver is stored
Red LED off : DDC in transmitter is stored

7

Skew brightness and focus

8

Skew R.G.B tuning

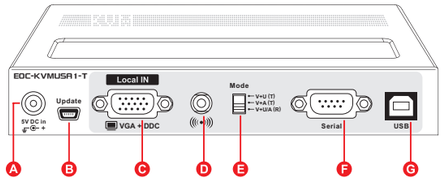
9

If necessary ; use I.R remote controller to fine tune R.G.B skew

Unit Input & Output View

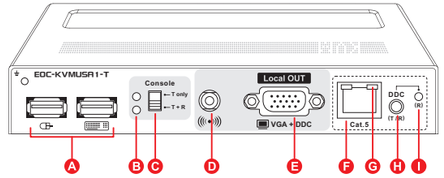
EOC-KVMUSA1-T

Transmitter Unit - Input



- A DC jack
- B USB update
- C VGA input
- D Audio input
  (Stereo audio 3.5 mm)
- E Input signal mode
  V+U= VGA+USB
  V+A= VGA+Audio
  V+U/A = VGA+USB/Audio
- F Serial port control
- G USB

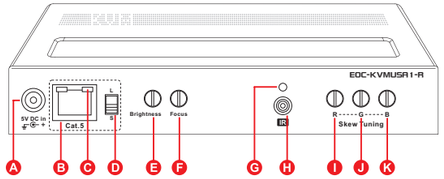
Transmitter Unit - Output



- A USB 2.0 connections for mouse and keyboard
- B Console indicator
- C Console switch
- D Audio output
  (Stereo audio 3.5 mm)
- E VGA output
- F RJ-45 Cat.x connector
- G RJ-45 Cat.x indicator
  (L) Green flash = Cat.x not connected
  Green not flash = Cat.x connected
  (R) Orange flash = V+A mode
  Orange not flash = V+U mode
- H DDC button
- I DDC button indicator

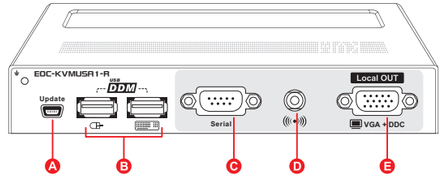
EOC-KVMUSA1-R

Receiver Unit - Input



- A DC jack
- B RJ-45 Cat.x connector
- C RJ-45 Cat.x indicator
  (L) Green flash = Cat.x not connected
  Green not flash = Cat.x connected
  (R) Orange flash = V+A mode
  Orange not flash = V+U mode
- D Cat.x cable length
  L = Long
  S = Short
- E Brightness
- F Focus
- G IR indicator
- H IR receiver
- I Video red color skew
- J Video green color skew
- K Video blue color skew

Receiver Unit - Output



- A USB update
- B USB complies 2.0 HID devices DDM connections for mouse and keyboard
- C Serial port control
- D Audio output
  (Stereo audio 3.5 mm)
- E VGA output

Specification

	EOC-KVMUSA1-T	EOC-KVMUSA1-R
Mechanical		
Dimensions H x W x D	27 x 165 x 85 mm (1.06 x 6.5 x 3.35 inch)	
Weight	440 g (0.97 lb)	430 g (0.95 lb)
Environmental		
Operating temp	0 to 60 °C (32 to 140 °F)	
Storage temp	-30 to 70 °C (-22 to 158 °F)	
Humidity	0~80% RH, NC	
Connector		
Operating voltage	DC 5V (1000 mA)	
Power frequency	50-60 Hz	
Input power	AC 100-120 / 220-240V	
Ports		
Input	HDB-15 Female x 1	RJ-45 / 8P8C x 1
	Stereo Audio Jack x 1	Focus adjustment tune x 1
	DB-9 Female x 1	Brightness adjustment tune x 1
	USB B x 1	RGB adjustment tune x 1
Output	RJ-45 / 8P8C x 1	HDB-15 Female x 1
	HDB-15 Female x 1	Stereo audio jack x 1
	Stereo audio jack x 1	USB A (DDM Technology) x 2
	USB A x 2	DB-9 Female x 1
Supported		
Stereo audio	Stereo audio 3.5 mm	
Resolution	1920 x 1440	
DDC	DDC , DDC2 , DDC2B	
VGA	VGA , SVGA , XGA , SXGA , UXGA , QXGA	
Certification		
	FCC, CE	

Limited Warranty For ConnectPRO Video / Audio Extender

ConnectPRO offers a 1 year limited warranty for all of its Video / Audio Solution products. ConnectPRO stands behind its products assuring that you've purchased a proven technology with quality and reliability.

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